

$\log(\Delta Y/\Delta Y_u)$

IECsRGBu0 relative
tristimulus value difference
 $Y_{nc}=L^*_{wRGBnc}=100, 52, 87, 31$

$$Y_{nc} = L * W_{RGB_{nc}} = 100, 52, 87, 31$$
$$L^*_{\text{IECs RGB}_{00}} = 50 (Y/Y_{\text{p}})^{1/2,4} \quad (Y_{\text{p}} = 18, Y_{\text{pc}}/100 < Y \leq Y_{\text{pc}})$$
$$\log(dY/dY_u) = [1-(1/2,4)] \log(Y/Y_u)$$
$$dY_{90}/dY_{11}=2,55, \gamma=2,4, 1/\gamma=1/2,4=0,41$$
$$dY_{18}/dY_0=1,00, S_0=50,00, D_0=-0,00$$
$$dY_{3,6}/dY_{11}=0,39, Y_{11}=18, dY_{11}=4,80$$
$$L^*_u=50, dY_u=4,80, dY_u/Y_u=0,2666$$
$$\log[(dY)/(dY)_u]=0, \quad m_u=0,58$$

application
range

$$Y_u = 18100 \text{ y}$$
 $\log(Y)$